

ABSTRACT

A system and method for operating a distributed control network for irrigation management. The system incorporates several irrigation controllers wherein each of the controllers can transmit, receive and respond to commands initiated by any device or
5 satellite controller on the network, a communication bus that is connected to the controllers, a central computer that is connected to the bus, several sensing devices that are connected to each controller, and several sprinkler valves that are connected to each controller. The controllers can be operated in local mode via a user interface and in a remote mode via a wireless connection. The controllers are capable of monitoring and
10 acknowledging the commands that are transmitted on the bus.

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